

**Claims**

1. Slot milling cutter, which comprises a cutting head (1; 101; 201) as well as a fastener (3) integrated with the cutting head, which fastener is intended to be received in a tool coupling, the cutting head (1; 101; 201) being provided with at least two insert seats (5; 105; 205), and cutting inserts (7; 107) being mounted in the insert seats (5; 105; 205),

5 characterized in that the insert seats (5; 105; 205) are provided with first serrations (4; 104; 204), that the cutting inserts (7; 107) are provided with second serrations (11; 111), which are arranged on at least one main surface (8; 108) of the cutting inserts (7; 107), that the first and second serrations (4, 11; 104, 111; 204, 111) extend in the axial 10 direction (C-C) of the slot milling cutter, that a stabilization of the cutting insert (7) is effected in the radial direction of the slot milling cutter by co-operation between the first and second serrations (4, 11; 104, 111; 204, 111), and that adjacent to at least one of the insert seats (5; 105), means (14-20) are arranged in order to adjust the 15 position of the appurtenant cutting insert (7; 107) in the axial direction (C-C) of the slot milling cutter.

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2. Slot milling cutter according to claim 1,

25 characterized in that all insert seats (5; 105; 205) are provided with means (14-20) to adjust the positions of the appurtenant cutting inserts (7; 107) in the axial direction (C-C) of the slot milling cutter.

30 3. Slot milling cutter according to claim 1 or 2, characterized in that the cutting inserts (7; 107) are provided with serrations (11; 111) on both the main surfaces (8; 108) thereof.

35 4. Slot milling cutter according to any one or some of the preceding claims, characterized in that the cutting inserts (7; 107) have a negative basic shape, and that the cutting inserts (7; 107) have a positive cutting geometry.

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5. Cutting insert (7; 107) intended to be included as a  
replaceable cutting insert in a slot milling cutter, the  
cutting insert (7; 107) being mounted in an insert seat (5;  
105) of the slot milling cutter, and the cutting insert (7;  
5 107) having at least one toothed edge side (9; 109),  
characterized in that the cutting insert (7; 107)  
is provided with serrations (11; 111), which are arranged on at  
least one of the main surfaces (8, 108) of the cutting insert,  
and that the serrations (11; 111) extend parallel to the edge  
10 side (9; 109) of the cutting insert (7; 107).

6. Cutting insert (7; 107) according to claim 5,  
characterized in that the cutting insert (7; 107)  
has serrations (11; 111) on both the main surfaces (8; 108)  
15 thereof.

7. Cutting insert (7; 107) according to claim 5 or 6,  
characterized in that it has a negative basic shape  
and positive cutting geometry.

20 8. Cutting insert (7) according to any one of claims 5 or 6,  
characterized in that it has two opposed toothed  
edge sides (9).